

Arizona's Bioscience Roadmap: Progress Report

April-June 2011

Arizona's Bioscience Roadmap, commissioned and coordinated by the Flinn Foundation, calls on the state to focus on four strategies to develop a globally competitive bioscience hub. Here are those strategies and how Arizona fared in the second quarter of 2011.

Build research infrastructure

- The City of Phoenix pledges to contribute \$14 million to the development on the Phoenix Biomedical Campus of a new outpatient clinic for the University of Arizona's Arizona Cancer Center.
- The Tucson-based Critical Path Institute establishes the Electronic Patient-Reported Outcome Consortium, toward improving electronic data collection methods for the capture of patient-reported outcome endpoints in clinical trials.
- The International Genomics Consortium reaches a deal with Scottsdale Healthcare and the Arizona Cancer Center to collect and store tumor samples for the Cancer Genome Atlas project.
- St. Joseph's Hospital and Medical Center and Phoenix Children's Hospital announce that their pediatric neuroscience research and patient-care programs are combining as the Barrow Neurological Institute at Phoenix Children's Hospital.
- The City of Phoenix authorizes lease agreements paving the way for the Chan Soon-Shiong Institute for Advanced Health to establish its headquarters and bioscience-focused data center in Phoenix, with an expected investment of \$200 million by the CSS Institute.

Build critical mass of firms

- The Translational Genomics Research Institute announces that it has licensed its first drug, a compound that may prove effective against ovarian and endometrial cancer, to Syracuse-based Oncoholdings Inc.
- Scottsdale-based Regenesys Biomedical Inc. closes a \$5.3 million round of venture-capital financing to support its development and marketing of wound-healing technology.
- The Food and Drug Administration approves a genetic test made by Oro Valley-based Ventana Medical Systems that helps determine if breast-cancer patients are good candidates for treatment with the drug Herceptin.

Enhance business environment

- Chandler's Innovations Technology Incubator, open a year, reached full capacity. Tenants include startup firms in the fields of biotechnology, bioinformatics, software design, nanotechnology, and medical devices.
- The Utah-based Boyer Co. is selected by the City of Phoenix to build a privately-financed, \$50 million facility on the Phoenix Biomedical campus, supplying an additional 150,000 square feet of laboratory research space on the campus.

Prepare workers, educate citizens

- UA and Maricopa Integrated Health System sign an agreement to make MIHS the primary teaching hospital for the UA College of Medicine-Phoenix.

- The Arizona Board of Regents appoints Eugene Sander as president of UA. Sander, previously the vice provost and dean of the UA College of Agriculture and Life Sciences, replaces Robert N. Shelton.
- Six Arizona students—four at Arizona State University and two at UA—are awarded the Barry M. Goldwater Scholarship, considered the most prestigious award in the nation for undergraduates studying science, mathematics, and engineering.
- The UA College of Medicine-Phoenix graduates its first class of 24 students. More than half will pursue residency training in Arizona, and 16 of 24 will pursue primary-care programs.
- The Arizona Technology Council launches getSTEM-az, an interactive web portal to help Arizona educators and businesses collaborate to match STEM education needs with STEM business resources.